



TECHNICAL STANDARDS &
SAFETY AUTHORITY
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, Ontario
Canada M8X 2X4



See Attached Summary MAWP-02

STATUTORY DECLARATION Registration of Fittings

I, Robert D Thomas, VP Development Engineering

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Ashcroft Inc.

(Name of Manufacturer)

Located at 250 East Main Street, Stratford, CT, USA

(Plant Address)

203.378.8281

(Telephone No.)

203.385.0408

(Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the *Technical Standards and Safety Act*, Boilers and Pressure Vessels Regulation, comply with all of the requirements of

CSA B51, ASME BPV Code Section VIII Division 1, ASME B31.3, ASME B31.1, CSA C22.2 61010-1

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2000 which has been verified by the following authority, Lloyd's Register Quality Assurance (LRQA Inc. Houston).

The items covered by this declaration, for which I seek registration, are category F type fittings. In support of this application, the following information and/or test data are attached as follows:

PRP01-DS-001, Rev 1; MAWP-02

(drawings, calculations, test reports, etc.)

Declared before me at Stratford, CT USA in the County of Fairfield
the 25 day of June AD 2009.

Commissioner for Oaths:

Olimpia M. DeCrescenzo
(Printed name)

O.M. DeCrescenzo exp. 8/31/09
(Signature)

Robert D. Thomas
(Signature of Declarer)

FOR OFFICE USE ONLY

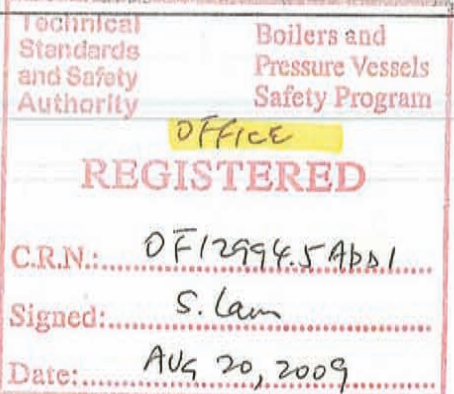
To the best of my knowledge and belief, the application meets the requirements of the *Technical Standards and Safety Act*, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category F.

CRN: OF12994.5A001

Registered by: S. Lam

Dated: AUG 20, 2009

NOTE: This registration expires on MAY 1, 2019





250 East Main Street, Stratford, CT, USA 06614. Tel 203.378.8281. Fax 203.365.0408.

MAWP-02

Ashcroft Diaphragm Seal Type	Size (in) (1)	Diaphragm Material (4)	Bottom Housing Material (4)	MAWP at ambient (psi or ASME B16.5 class #) (3)		Maximum Design Temperature T (°F)	MAWP at Maximum Design Temperature (psi or ASME B16.5 class #) (3)		Codes of Construction
				Seal A	Seal B		Seal A	Seal B	
100, 101, 104, 107, 105	1/4, 1/2, 3/4, 1, 1.5, 2, 3, 4	Metallic	Metallic	1250		750	730		
				200			200, 125, 80 (2)		
102, 103	1/2, 3/4, 1, 1.5, 2, 3, 1, 1.5, 2	Metallic	Metallic	150#		750	150#		ASME B31.1
				290			270		
200, 201, 204, 207, 205	1/4, 1/2, 3/4, 1, 1.5, 3, 4	Metallic	Metallic	75		100	75		ASME B31.3
202, 203	1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic	1250		750	730		ASME B16.5
				1250			400		
300, 301, 304	1/4, 1/2, 3/4, 1, 1.5	Metallic	Metallic	500		350	365		ASME B31.3
				500			212		
302, 303	1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic	200		74, 125, 150	200, 125, 80 (2)		ASME B16.5
				200			150#		
400, 401	1/4, 1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic	150#		400	150#		ASME Boiler & Pressure Vessel Code
				290			270		
402, 403	1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic	290		150	270		CSA C22.2 61010-1 ANNEX G
				200			200, 125, 80 (2)		
500, 501	1/4, 1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic	150#		400	150#		CSA C22.2 61010-1 ANNEX G
				290			350		
400, 401	1/4, 1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic	290		150	270		ASME B16.5
				75			270		
402, 403	1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic	500		74, 125, 150	200, 125, 80 (2)		ASME B16.5
				4400			150#		
402, 403	1/2, 3/4, 1, 1.5, 2, 3	Metallic	Metallic	150#, 300#, 600#		750	150#, 300#, 600#		ASME B16.5

Notes:

- (1) Types 104, 204, and 304 not available in 1.5". Types 107 and 207 also available in 2". (consult factory). Only Type 105, 205 available in 3" and 4"
- (2) Maximum Allowable Working Pressure (MAWP) at respective Maximum Design Temperature. (consult factory)
- (3) Seal A - Threaded capsule diaphragm; Seal B - Welded and clamped or welded only diaphragm; Seal C - Bonded/Welded and Clamped or Clamped only diaphragm (consult factory)
- (4) Nickel constructions excluded. Metallic materials UNS S31603 equivalent or stronger are qualified under this CRN registration. (consult factory)